

REMARKS

Claims 56-65 are now pending, with Claim 56 being the sole independent claim.

Claims 1-55 have been canceled without prejudice to or disclaimer of the subject matter recited therein.

Claims 56-65 have been added. Support for these added claims can be found at least in the claims as originally filed and throughout the specification. Thus, no new matter has been added.

The specification has been amended at two locations to remove reference to the following URL: www.ncbi.nlm.nih.gov/BLAST/.

The specification has been amended to correct correct typographical errors. Thus, no new matter has been added.

The specification has been amended to include an abstract on a separate sheet. No new matter has been added.

Applicants submit herewith amended Drawings. The corrections to the figure numbering in the Drawings necessitated amending the specification to refer to this new figure numbering.

The benefit of priority has been clarified for the instant application.

RESPONSE TO RESTRICTION REQUIREMENT

Applicants hereby elect, without traverse, the subject matter of Invention I, Claims 1-4, 6-9, 11-14, 16-19, 21-24, 26-29, 31-34, 36-39, 41-49, 53 and 54, drawn to a polynucleotide. This election is made subject to Applicants' right to pursue the non-elected subject matter in a divisional application or applications pursuant to 35 U.S.C. §121.

Applicants further elect, without traverse, the subject matter of Group X, drawn to a polynucleotide of SEQ ID NO:38. SEQ ID NO:39 is an amino acid sequence encoded by nucleotides 74-1252 of SEQ ID NO:38. Applicants note that there is an ATG codon at position 74-76 and the termination codon is at position 1250-1252 (TAA). The start methionine in SEQ ID NO:39 can be found at position 1.

Applicants respectfully submit that now pending Claims 56-65 are directed to the subject matter of Invention I and Group X.

Please charge any fees or credit any overpayment of fees which are required in connection with the filing of this Preliminary Amendment and Response to Restriction Requirement to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Allowance of the above-referenced application is respectfully requested in view of the foregoing.

Respectfully submitted,

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AMENDMENTS TO DRAWINGS

Please replace the originally filed Figure 3, Figure 4, Figure 5, Figure 6, Figure 7 and Figure 8 with the attached amended figures. Corrections to the figure number necessitated amending the figures. Figure 3 is now Figures 3A and 3B. Figure 4 is now Figures 4A, 4B and 4C. Figure 5 is now Figures 5A and 5B. Figure 6 is now Figures 6A, 6B and 6C. Figure 7 is now Figures 7A, 7B and 7C. Figure 8 is now Figures 8A, 8B and 8C. No new matter has been added.

Attachment: Figures 3A and 3B
Figures 4A, 4B and 4C
Figures 5A and 5B
Figures 6A, 6B and 6C
Figures 7A, 7B and 7C
Figures 8A, 8B and 8C